

OPTIMUM® AQUAmax® hybrids

DESIGNED TO MAKE MORE OUT OF EVERY DROP.

9.2 bu/A
YIELD ADVANTAGE
in non-irrigated conditions

2.8 bu/A
YIELD ADVANTAGE
in irrigated conditions



ADVANCED STOMATA CONTROL
for more efficient use of H₂O



AGGRESSIVE SILKING
for improved kernel set



DEEPER KERNELS
maintain yield under late season stress



EFFICIENT ROOT SYSTEM
captures deep soil moisture



TOUGH
from tassel to root

BETTER STAYGREEN
lengthens window of opportunity for growth

Equipped with **STRONG AGRONOMICS** and the latest technology packages

Uses **LESS WATER** per bushel

78%
WIN RATIO
IN NON-IRRIGATED
growing conditions

54%
WIN RATIO
IN IRRIGATED
growing conditions



Optimum
AQUAmax

AVAILABLE FOR 2015 PLANTING

The following G2® brand Optimum® AQUAmax® hybrids contain the latest technology packages. All are available for the 2015 planting season. For specific placement and management recommendations, contact your local NuTech seed dealer or District Sales Manager.

Optimum® AQUAmax® Brands for 2014	Relative Maturity
5X-698™	98 day
5L-200™, 5F-200™, 3A-200™	100 day
5L-701™, 5F-701™	101 day
5F-707™, 3A-707™	107 day
5L-207™	107 day
5L-008™, 5F-008™, 0A-008™	108 day
5D-709™, 5F-709™, 3A-709™, 0A-709™	109 day
5X-814™, 5F-814™	114 day

In 2011 and 2012, Optimum® AQUAmax™ products 1008232-05, 1008232-06 and 10081653 from PROaccess® Genetics were grown in 128 non-irrigated research plots, on-farm strip tests and on-farm side-by-sides with a win ratio of 78% across IA, SD, NE, KS, CO, MO and OK. Cumulative claim includes all 2011 and 2012 research plots against competitive hybrids (+/- 5 CRM), on-farm strip plot (+/- 10 CRM) and on-farm side-by-side comparisons against one similar CRM commercial product. These same products demonstrated a 2.8 bushel advantage with a win ratio of 54% in 79 irrigated comparisons. Product performance in non-irrigated environments is variable and depends on many factors such as the severity and timing of moisture deficiency, heat stress, soil type, management practices and environmental stress as well as disease and pest pressures. All hybrids may exhibit reduced yield under water & heat stress. Individual results may vary.

Product performance in water-limited environments is variable and depends on many factors such as the severity and timing of moisture deficiency, heat stress, soil type, management practices and environmental stress as well as disease and pest pressures. All hybrids may exhibit reduced yield under water and heat stress. Individual results may vary. Optimum® and AQUAmax™ are trademarks of Pioneer Hi-Bred. © 2014 PHIL.

External Testing

Texas A&M AgriLife Study 2012

100% ET	Yield (bu/a)	ET (in)	WUE (bu/ac/in)
Non Optimum® AQUAmax™ Hybrid	218.9	26.7	8.3
Optimum® AQUAmax™ Hybrid	221.8	25.0	8.9

50% ET	Yield (bu/a)	ET (in)	WUE (bu/ac/in)
Non Optimum® AQUAmax™ Hybrid	106.9	19.4	5.5
Optimum® AQUAmax™ Hybrid	135.6	18.7	7.3

• Optimum® AQUAmax™ hybrids maintained 200 bu/acre with a 20% savings in water

• "Limited irrigation...will be primary practice in the future."

